

AMENDMENTS

In the Claims:

1. (Currently Amended) A precision machine part having ~~at least one~~ a plurality of conveyance ~~passage~~ passages formed therethrough and comprising a plurality of pieces with a transient liquid phase diffusion bonding alloy provided between said pieces to bond said pieces ~~along faces extending along a longitudinal axis of the precision machine part together~~ so as to form said ~~at least one~~ conveyance ~~passage~~ passages.

the precision machine part being configured to permit passage of liquid or gas through said ~~at least one~~ conveyance ~~passage~~ passages from a pipe line or cylinder, said pieces being adhered to each other by a transient liquid phase bonding process with a ribbon of an amorphous bonding alloy to form said precision machine part.

2.-8. (Canceled)

9. (Currently Amended)) The precision machine part of claim 1, wherein the bonding alloy contains 1 to 10 atomic % V based on the bonding alloy.

10. (Canceled)

11. (Previously Presented) The precision machine part of claim 1, wherein the bonding alloy contains 1 to 15 atomic % of B or P or a mixture of B and P and 1 to 10 atomic % V, the balance being Fe and unavoidable impurities based on the bonding alloy.

12. (Previously Presented) The precision machine part of claim 1, wherein the bonding alloy is an amorphous Ni-base alloy.

13. (Previously Presented) The precision machine part of claim 1, wherein the bonding alloy comprises one or more components selected from the group consisting of 0.1 to 10.0 atomic % C, 0.1 to 5.0 atomic % Si, 0.5 to 5.0 atomic % Mn, 0.1 to 20.0 atomic % Cr, 0.1 to 5.0 atomic % Mo, 0.01 to 5.0 atomic % Nb and 0.01 to 5.0 atomic % Ti based on the bonding alloy.

14. (Currently Amended) The precision machine part of claim 9, wherein the bonding alloy further comprises one or more components selected from the group consisting of 0.1 to 10.0 atomic % C, 0.1 to 5.0 atomic % Si, 0.5 to 5.0 atomic % Mn, 0.1 to 20.0 atomic % Cr, 0.1 to 5.0 atomic % Mo, 0.01 to 5.0 atomic % Nb and 0.01 to 5.0 atomic % Ti based on the bonding alloy.

15. (Currently Amended) The precision machine part of claim 11, wherein the bonding alloy further comprises one or more ~~component~~ components selected from the group consisting of 0.1 to 10.0 atomic % C, 0.1 to 5.0 atomic % Si, 0.5 to 5.0 atomic % Mn, 0.1 to 20.0 atomic % Cr, 0.1 to 5.0 atomic % Mo, 0.01 to 5.0 atomic % Nb and 0.01 to 5.0 atomic % Ti based on the bonding alloy.

16. (Currently Amended) The precision machine part of claim 12, wherein the bonding alloy further comprises one or more ~~component~~ components selected from the group consisting of 0.1 to 10.0 atomic % C, 0.1 to 5.0 atomic % Si, 0.5 to 5.0 atomic % Mn, 0.1 to 20.0 atomic % Cr, 0.1 to 5.0 atomic % Mo, 0.01 to 5.0 atomic % Nb and 0.01 to 5.0 atomic % Ti based on the bonding alloy.

17. (Previously Presented) The precision machine part of claim 11, wherein the bonding alloy exhibits an amount of contraction in a bonding stress loading direction caused by plastic deformation in the bonding process of not more than 5%.